

Title (en)

Flexible container discharge apparatus and method

Title (de)

Vorrichtung und Verfahren zur Entleerung eines flexiblen Behälters

Title (fr)

Appareil et procédé de décharge d'un récipient flexible

Publication

EP 1950139 A1 20080730 (EN)

Application

EP 08250216 A 20080117

Priority

GB 0701208 A 20070123

Abstract (en)

Flexible container discharge apparatus (10) for a flexible bulk container (56) as hereinbefore defined, comprises a base structure (12), a movable container support element (14) for supporting the flexible bulk container (56) and hingably connected to the base structure (12) for movement relative thereto, and a plurality of pivotable urging elements (16) which project in a direction away from the support element (14) and which are directly or indirectly connected to the support element (14). With a flexible bulk container (56) positioned on the support element (14), as flowable material within the container is discharged, the urging elements (16) pivot towards each other, pressing the flowable material towards an outlet of the container. A method of discharging material from a flexible bulk container (56) is also provided.

IPC 8 full level

B65B 69/00 (2006.01)

CPC (source: EP GB US)

B65B 69/0091 (2013.01 - EP GB US)

Citation (applicant)

EP 1038802 A1 20000927 - SEMENENKO IVAN [GB]

Citation (search report)

- [A] SU 1206188 A1 19860123 - CHEREPOVETS METALL KOM [SU]
- [A] US 6186360 B1 20010213 - BECKER STEVEN L [US], et al
- [A] US 2003206790 A1 20031106 - NYHOF SCOTT L [US]
- [A] US 5788449 A 19980804 - RIEMERSMA KEITH A [US]

Cited by

EP2479112A1; DE102011009080A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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